**A REPORT**

**ON**

**AUTOMATION OF PROGRAMMING**

**By**

Name (s) of the student ( s) ID No.(s)

Shah Parth Jayesh 2013A3PS309

**AT**

**HERE MAPS, Mumbai**

**A Practice School II Station of**

**BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE, PILANI**

**(September, 2016)**

**A REPORT**

**ON**

**AUTOMATION OF PROGRAMMING**

**By**

Name of the student (s) ID No.(s) Discipline(s)

Shah Parth Jayesh 2013A3PS309H Electrical and Electronics Engineering

***Prepared in the partial fulfillment of the***

Practice School II Course

**AT**

**HERE MAPS, Mumbai**

A Practice School II Station of

**BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE, PILANI**

**(September, 2016)**

**ACKNOWLEDGEMENTS**

First and foremost, I would like to extend my heartfelt gratitude to my mentor, **Mr. Subhendu Roy**, without his support and guidance; these project would not have been possible. I would like to thank him for helping me whenever I was in doubt, for encouraging me to come up with new solutions to the problems and giving me ample time to learn and implement. I have really learnt a lot under his mentorship.

I would also like to thank senior co-workers, Mr. Ashish Mishra, Mr. Shahid Kamal, and Mrs. Rupinder Bhatty for all their support.

Besides, I would like to thank the management of Here Maps for providing me with an environment conducive for learning & producing the best results. Also, I would like to take this opportunity to thank Birla Institute of Technology & Science for offering this program. It gave me the opportunity to enhance not only my theoretical but also my communication skills.

Last but not the least, I would also like to thank my Practice School instructors Mrs. Swarna Chaudhary for their continuous guidance throughout the program.

**BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE**

**PILANI (RAJASTHAN)**

**Practice School Division**

**Station :** Here Maps **Centre:** Goregaon, Mumbai.

**Duration:** 5 Months **Date of Start:** 05 / 07 / 2016

**Date of Submission:** 15 / 09 / 2016

**Title of the Project: Automation Of Programming**

**ID No./Name(s)/:** 2013A3PS309H / Shah Parth Jayesh /

**Discipline(s) of the** Electrical and Electronics Engineering

**Student(s)**

**Name(s) and:**

**Designation(s)**

**of the expert(s)**

**Name(s) of the:** Mrs. Swarna Chaudhary

**PS Faculty**

**Key Words: Blockly, maps, Here maps, Graphical user interface.**

**Project Areas: Big data, visual programming.**

**Abstract:** This project mainly deals with the techniques used to achieve the required level of accuracy in big data.

Signature(s) of Student(s) Signature of PS Faculty

Date

**TABLE OF CONTENTS**

|  |  |
| --- | --- |
| **TOPIC** | **PAGE NO.** |
| Introduction : Company overview | 1 |
| 1. FCNR (Fee Calculation on Navigable Routes) | 2 |
| 1. Validations | 3 |
| * 1. Automation of validation process | 4 |
| * 1. Block based GUI (Graphical User Interface) | 5 |
| References | 6 |